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HMMWV ARMOR KIT
HOT WEATHER/DESERT OPERATION

This abbreviated checklist is not to be used as a replacement for the -10 series Tech Manuals or any other PMCS guide.

1. Field of view is restricted by the installation of armor kit. Adjust outside rear view mirrors for maximum rearward visibility.
2. The co-driver should assist the driver with observations to the right of the vehicle during all operations.
3. Use caution when traversing through intersections.
4. Always use a ground guide when backing the vehicle.
5. After application of the armor kit, tire pressure should be adjusted in accordance with the following tables:

Class/GVWR (pounds)	MAXLoad with APK (pounds)	Highway Pressure (psi)	Cross Country Pressure (psi)
BIAS-PLY TIRE, 36X12.50-16.5LT			
<8,000	FRONT 2315	30	16
	REAR 2420	30	16
RADIAL PLY TIRE, 37X12.50R16.5LT			
<8,000	FRONT 2315	30	16
	REARE 2420	32	17
8,000 TO 10,000	FRONT 2465	33	18
	REAR 2720	37	20
>10,000	FRONT 2465	33	18
	REAR 3320	46	26

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6. If a tire or tires are constantly loosing air pressure, determine cause of pressure loss and correct the problem or replace tire and wheel assembly.
7. Added weight of the armor kit results in reduced steering response.
8. Added weight of the armor kit results in a slight reduction of ground clearance and also approach angle.
9. Be alert to excessive vibration, play, looseness, or noises from the front suspension.
10. Inspect daily ball joint mounting hardware, wheel lug and rim half mounting, and armor plate mounting hardware. Any deficiency, e.g., cracked paint on ball joint bolts, polished surface, rust or minor cracks around bolt/wheel mating surface should be reported to maintenance immediately.
11. Use caution when entering or exiting vehicle not to catch clothing or leg on lower door support.
12. Be alert to possible heat stress injury during prolonged periods of operation in high ambient heat as a result of reduced ventilation.